

Remarks

The Examiner states that the instant claims are not linked by a special technical feature which defines a contribution over the art under PCT rules and has asked Applicants to elect an invention to which the claims are to be restricted. An exemplary list of inventions is detailed in the Action.

An election is made herein, however Applicants believe that it will aid the Examiner in prosecution if certain features of the invention are explained prior to the election.

One important feature of the instant invention provides improved color filters by incorporating therein certain polymerizable diketopyrrolopyrroles. Color filters are well known and important components of, for example, electro-optical systems such as TV screens, liquid crystal displays, charge coupled devices, plasma displays or electroluminescent displays and the like. (page 1 of the specification)

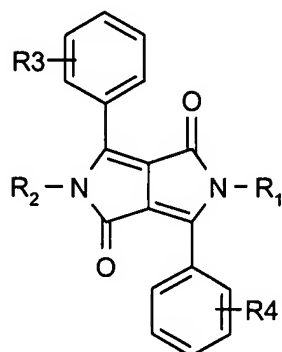
In contrast to conventional pigments the polymerizable diketopyrrolopyrroles of the instant invention do not tend to aggregate and, hence, show very good dispersibility. Color filters prepared by using the disclosed diketopyrrolopyrroles have high transparence and pure hue. In addition, they facilitate adjustment of color points and enable a large choice of shades. (page 5 of the specification)

Some of these diketopyrrolopyrroles are believed to be novel, for example, the DPPs of the general formula IV and V, see the discussion beginning near the bottom of page 11.

In compliance with the Examiner's request, Applicants will elect the invention which relates to novel compounds of formula IV. In the Action the Examiner has given an exemplary Group V related to compounds of formula IV, however Applicants wish to modify the Examiner's recommendation regarding the values assigned to groups R1, R2, R3 and R4 as detailed below.

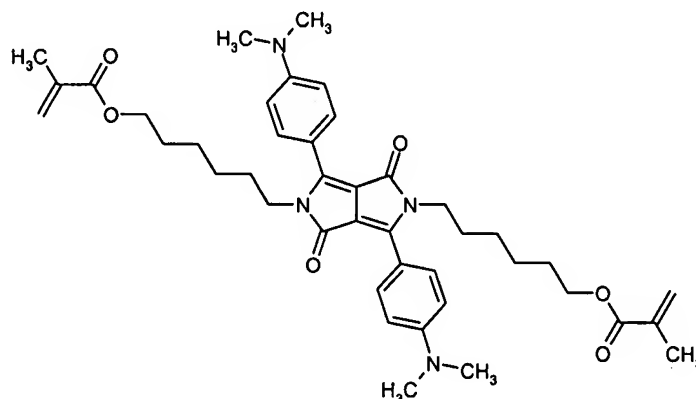
Should the compounds of claim 4 prove to be allowable, as Applicants believe, these compounds would then constitute a special technical feature under PCT rules linking the portions of claims 1, 2, 11 and 12 to a color filter comprising a layer which comprises a compound of claim 4. Applicants also submit that the portion of claim 10 relating to polymers comprising a compound of claim 4 is also linked as it relates to the layer of claim 1 which comprises a compound of claim 4.

Applicants therefore respectfully elect the invention of claims 4-6 and 13 drawn to a DPP of formula IV



Applicants realize that this election is broader than that suggested as Group V in the Action. Therefore, should the Examiner require a more narrow election, more in keeping with range of exemplary Group V, Applicants would elect with traverse the invention of claims 4-6 and 13 drawn to a DPP of formula IV wherein R_1 and R_2 are each a group X_2-X_3 wherein X_2-X_3 is $-(CH_2)_6-OC(O)-C(CH_3)=CH_2$ and R_3 and R_4 are $-NR_{16}R_{17}$, wherein R_{16} and R_{17} are methyl. This election would be made with traverse as Applicants believe that the search can very easily be broadened beyond a specific compound to the range of compounds as detailed in claim 4.

The compound specified in the preceding paragraph is the DPP of Example 5 (synthesis) and 6 (preparation of a color filter) on page 24 of the instant specification



and would be Applicants' choice of a species with which to begin a search should such a selection be desired.

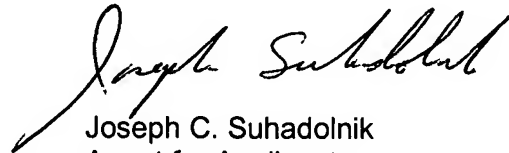
Upon finding the compound of Example 5 allowable, Applicants respectfully request that the examiner rejoin the remaining compounds of claim 4. Applicants further kindly ask that upon finding the compounds of claim 4 allowable that the Examiner rejoin the portions of claims 1, 2, 10, 11 and 12 as they relate to the compounds of claim 4. Applicants will make all necessary amendments should this proposal be accepted by the Examiner.

Should the Examiner find the compound of Example 5 allowable, but choose not to expand the scope to other compounds of claim 4, Applicants ask that the Examiner rejoin the portions of claims 1, 2, 10, 11 and 12 as they relate to that compound or to the compounds the Examiner chooses to consider.

Consideration of the elected claims on their merits is respectfully awaited.

In the event that present reply is insufficient in some regard and further clarification is necessary, Applicants kindly request that the examiner contact the undersigned representative.

Respectfully submitted,



Joseph C. Suhadolnik
Agent for Applicants
Reg. No. 56,880
filed under 37 CFR 1.34(a)

Ciba Specialty Chemicals Corporation
Patent Department
540 White Plains Road
P.O. Box 2005
Tarrytown, NY 10591-9005
Tel. (914) 785-2973
Fax (914) 785-7102

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